

**Federal Express 8047 4954 2030**

April 21, 2014

Ms. Ingrid H. Hopkins  
Water Protection Division (3WP42)  
US EPA – Region III  
1650 Arch Street  
Philadelphia, PA 19103-3029  
(215) 814-5437  
[hopkins.ingrid@epa.gov](mailto:hopkins.ingrid@epa.gov)

**RE: Benning Road Generating Station – NPDES Permit No. DC 0000094  
pH Excursion– Outfall 101**

Dear Ms. Hopkins,

This letter is a follow-up to the April 16, 2014 telephone notification, made on behalf of Pepco Energy Services, Inc. by Ms. Heather Brinkerhoff of HB Consulting, to report a pH exceedance from a storm water grab sample taken on April 15, 2014 from Outfall 101/Manhole K.

Immediate pH readings taken from the grab sample at Outfall 101/Manhole K during the storm water sampling event on April 15th indicated that the pH value exceed the permit limit, as follows:

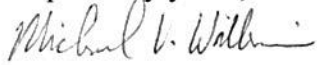
Analyte	Units	Permit Limit Daily Max	Results
pH	SU	6-8.5	8.66

Ms. Brinkerhoff made the required telephone notification per NPDES permit condition VI.6 to the USEPA.

We have been unable to confirm the specific cause of this pH exceedance. However, it is suspected that one possible source of elevated pH may be calcium hydroxide (free lime) from concrete in the vicinity of Outfall 101/Manhole K that has been disturbed as part of power plant demolition activities. We will ensure that appropriate controls are in place to minimize impacts to storm water from demolition activities, and will re-test a grab sample from Outfall 101 for pH during the next qualifying storm to assess whether elevated pH conditions are persisting. We will report the results of this re-sampling event to EPA.

Please contact me at (703) 253-1787 or by electronic mail at [mwilliams@pepcoenergy.com](mailto:mwilliams@pepcoenergy.com) if you need additional information.

Respectfully yours,



**Michael V. Williams**  
**Power Plant Asset Manager**  
**Pepco Energy Services, Inc.**

**Cc: File**